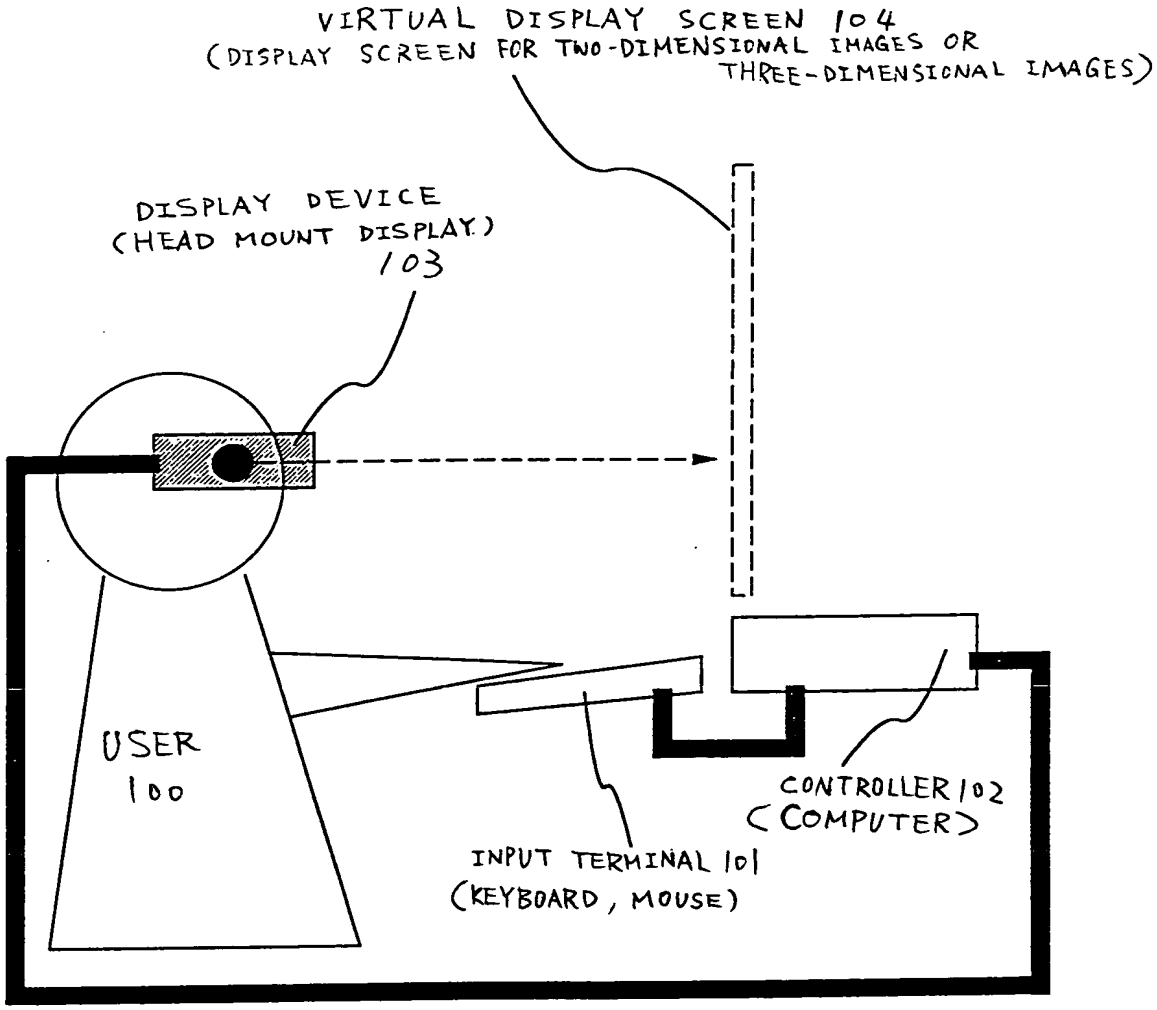

VIRTUAL DISPLAY SCREEN 104
(DISPLAY SCREEN FOR TWO-DIMENSIONAL IMAGES OR THREE-DIMENSIONAL IMAGES)
DISPLAY DEVICE
(HEAD MOUNT DISPLAY)
103
USER
100
CONTROLLER 102
(COMPUTER)
INPUT TERMINAL 101
(KEYBOARD, MOUSE)

Fig. 1

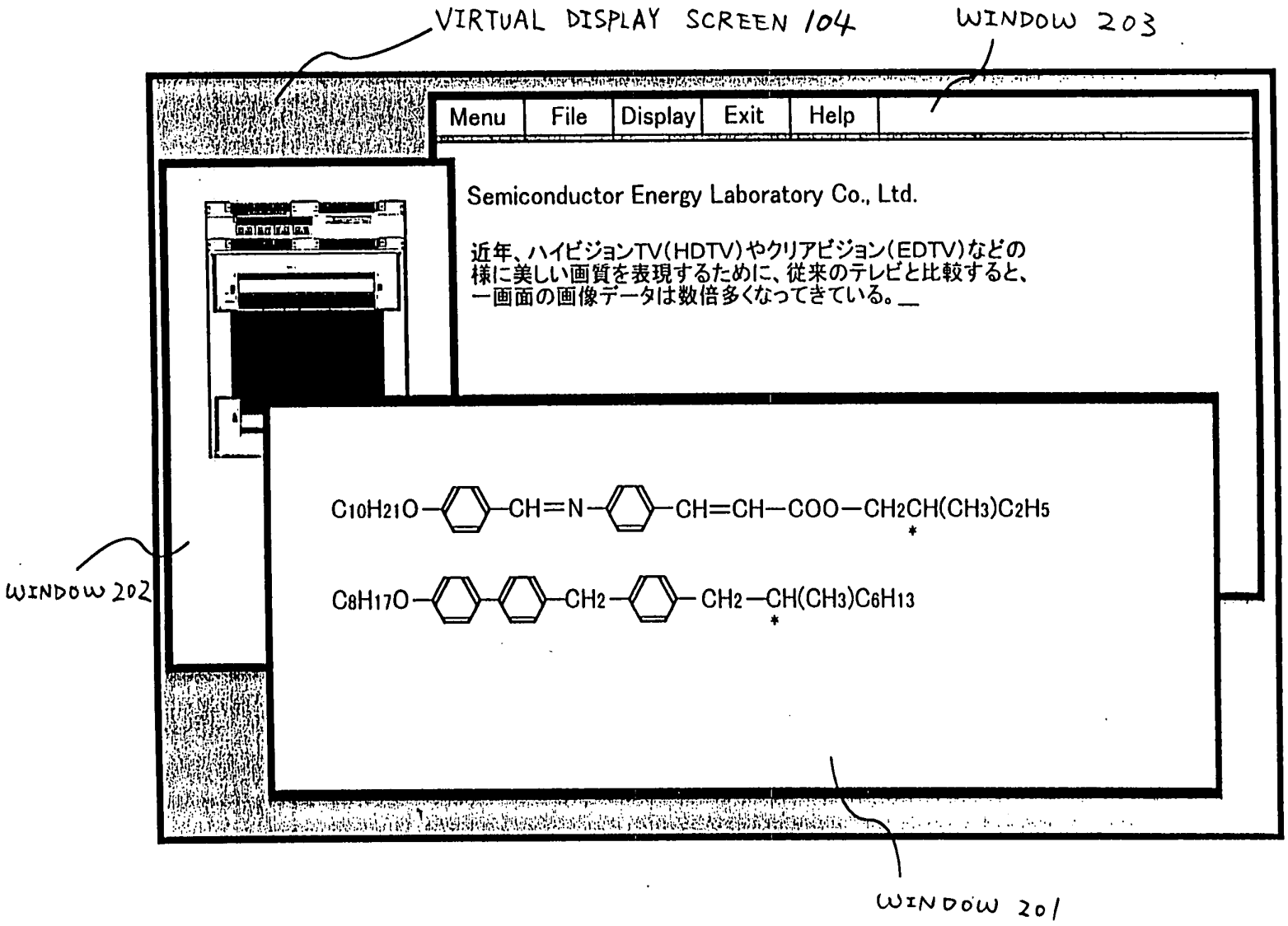

VIRTUAL DISPLAY SCREEN 104
WINDOW 203
Menu
File
Display
Exit
Help
Semiconductor Energy Laboratory Co., Ltd.
近年、ハイビジョンTV(HDTV)やクリアビジョン(EDTV)などの
様に美しい画質を表現するために、従来のテレビと比較すると、
一画面の画像データは数倍多くなってきている。
C10H21O—CH=N—CH=CH—COO—CH2CH(CH3)C2H5
C8H17O—CH2—CH2—CH(CH3)C6H13
WINDOW 202
WINDOW 201

Fig. 2

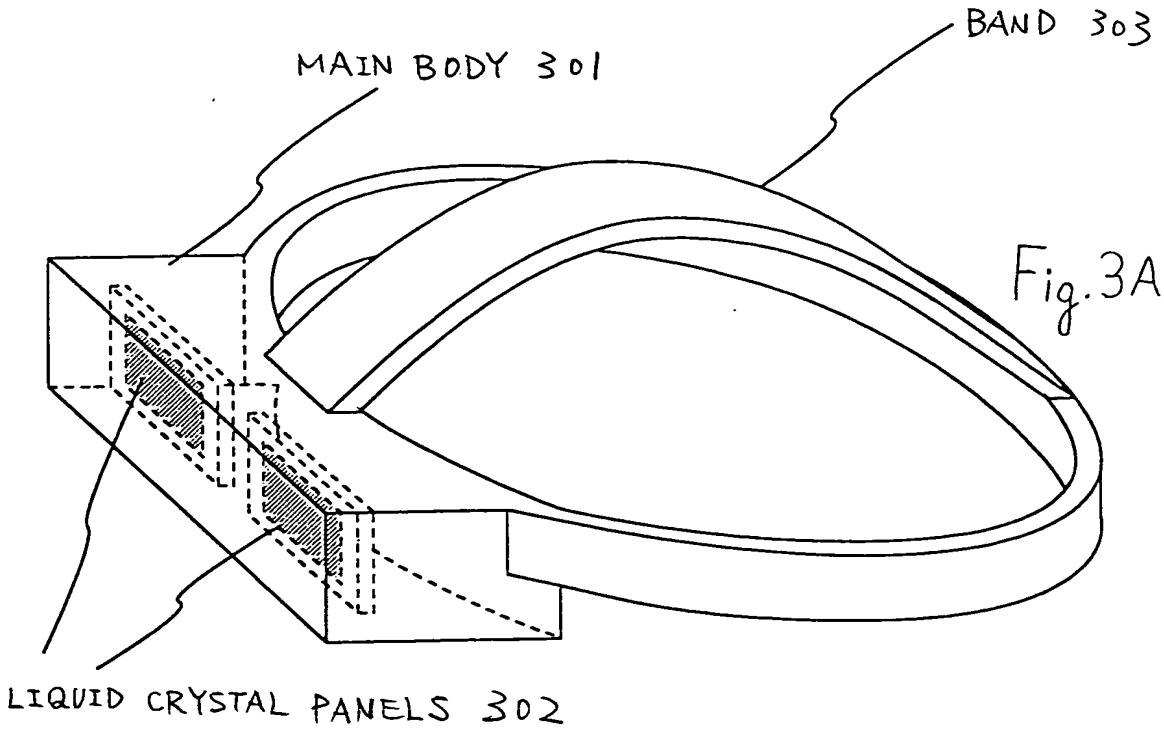

BAND 303
MAIN BODY 301
LIQUID CRYSTAL PANELS 302

Fig. 3A

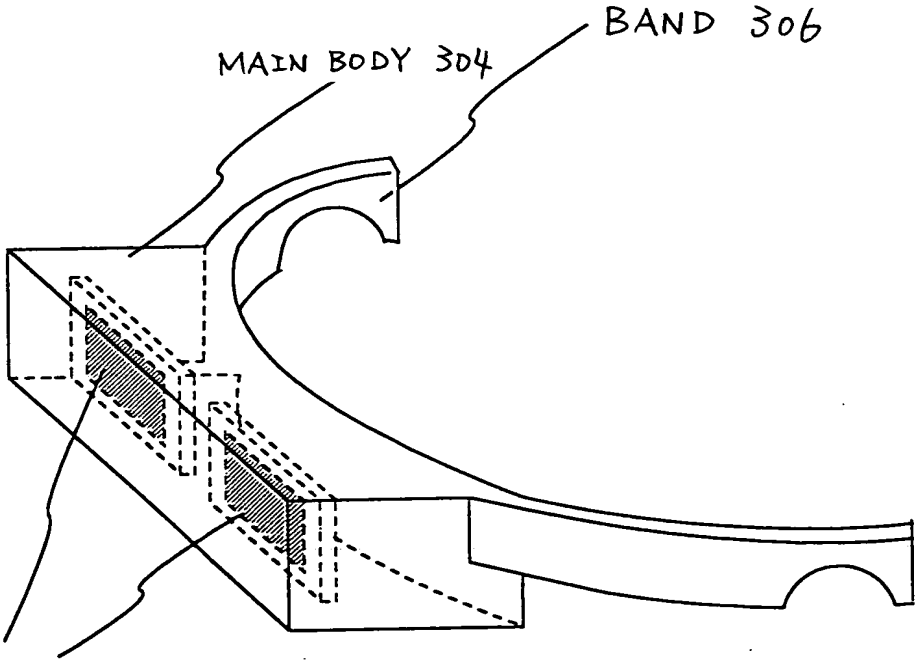
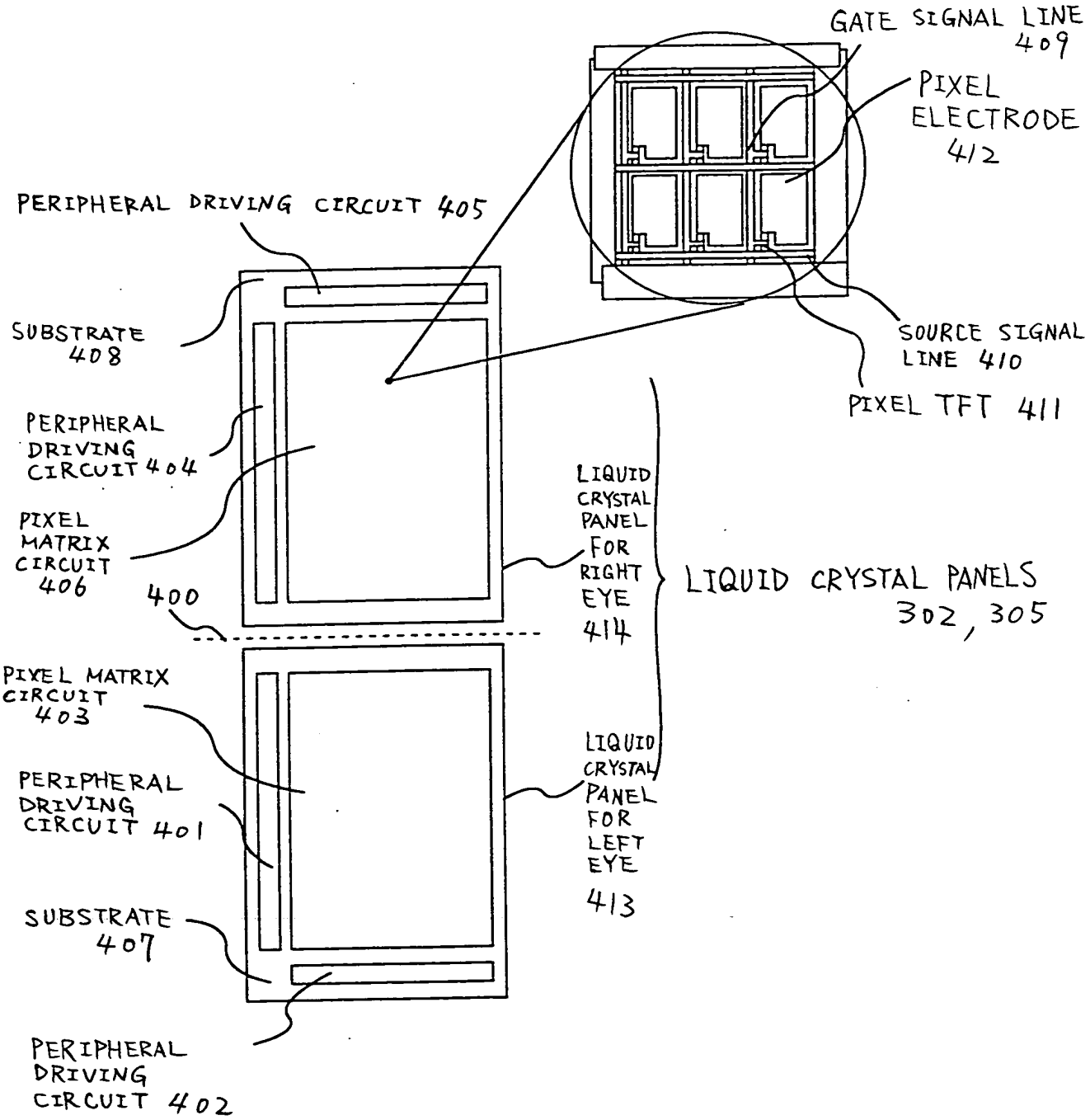

BAND 306
MAIN BODY 304
LIQUID CRYSTAL PANELS 305

Fig. 3B

Fig. 4


GATE SIGNAL LINE 409
PIXEL ELECTRODE 412
PERIPHERAL DRIVING CIRCUIT 405
SUBSTRATE 408
SOURCE SIGNAL LINE 410
PIXEL TFT 411
PERIPHERAL DRIVING CIRCUIT 404
PIXEL MATRIX CIRCUIT 406
400
LIQUID CRYSTAL PANEL FOR RIGHT EYE 414
LIQUID CRYSTAL PANELS 302, 305
PIXEL MATRIX CIRCUIT 403
PERIPHERAL DRIVING CIRCUIT 401
LIQUID CRYSTAL PANEL FOR LEFT EYE 413
SUBSTRATE 407
PERIPHERAL DRIVING CIRCUIT 402

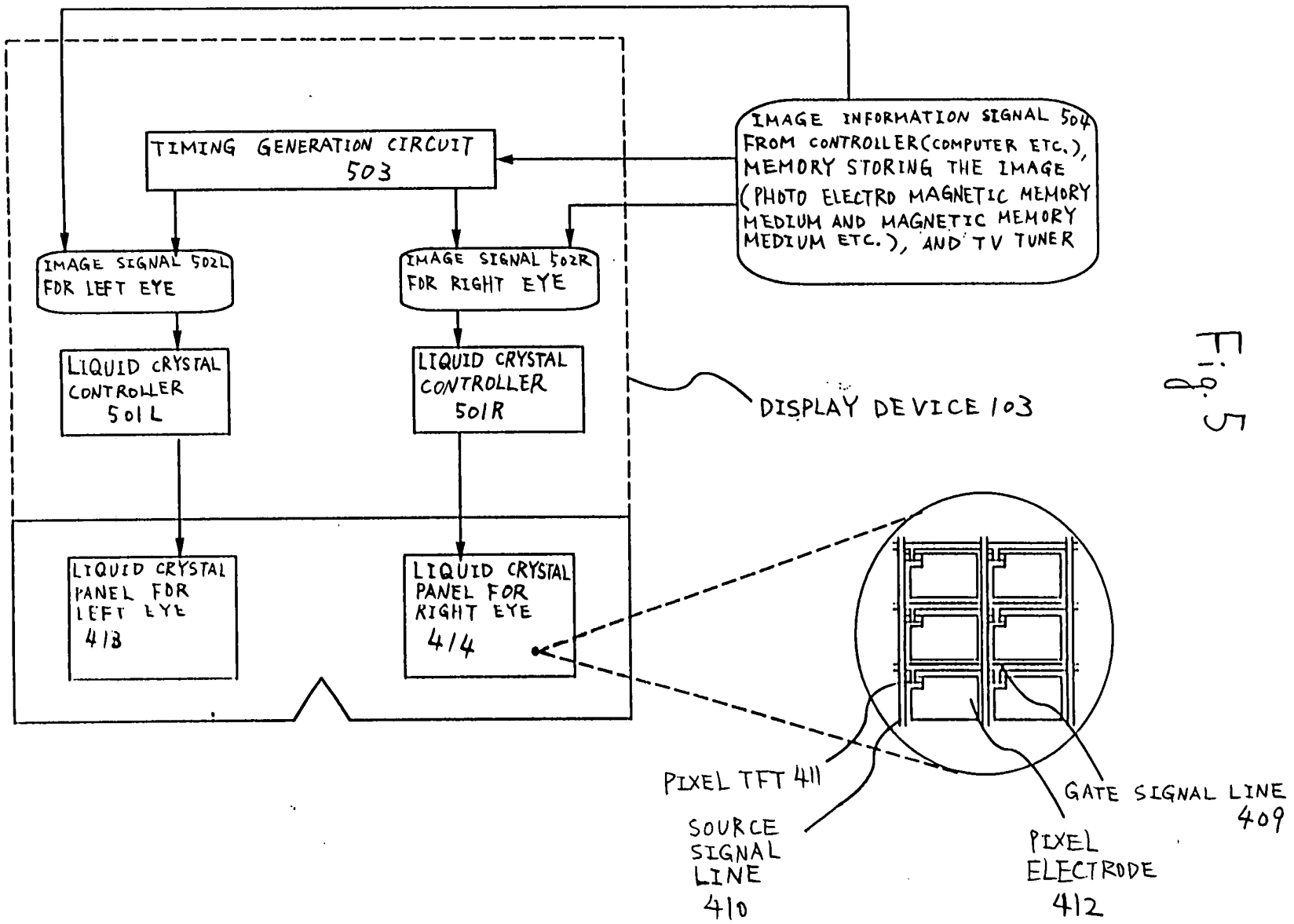

TIMING GENERATION CIRCUIT
503
IMAGE INFORMATION SIGNAL 504
FROM CONTROLLER(COMPUTER ETC.),
MEMORY STORING THE IMAGE
(PHOTO ELECTRO MAGNETIC MEMORY
MEDIUM AND MAGNETIC MEMORY
MEDIUM ETC.), AND TV TUNER
IMAGE SIGNAL 502L
FOR LEFT EYE
IMAGE SIGNAL 502R
FOR RIGHT EYE
LIQUID CRYSTAL
CONTROLLER
501L
LIQUID CRYSTAL
CONTROLLER
501R
DISPLAY DEVICE 103
LIQUID CRYSTAL
PANEL FOR
LEFT EYE
413
LIQUID CRYSTAL
PANEL FOR
RIGHT EYE
414
PIXEL TFT 411
SOURCE
SIGNAL
LINE
410
GATE SIGNAL LINE
409
PIXEL
ELECTRODE
412

Fig. 5

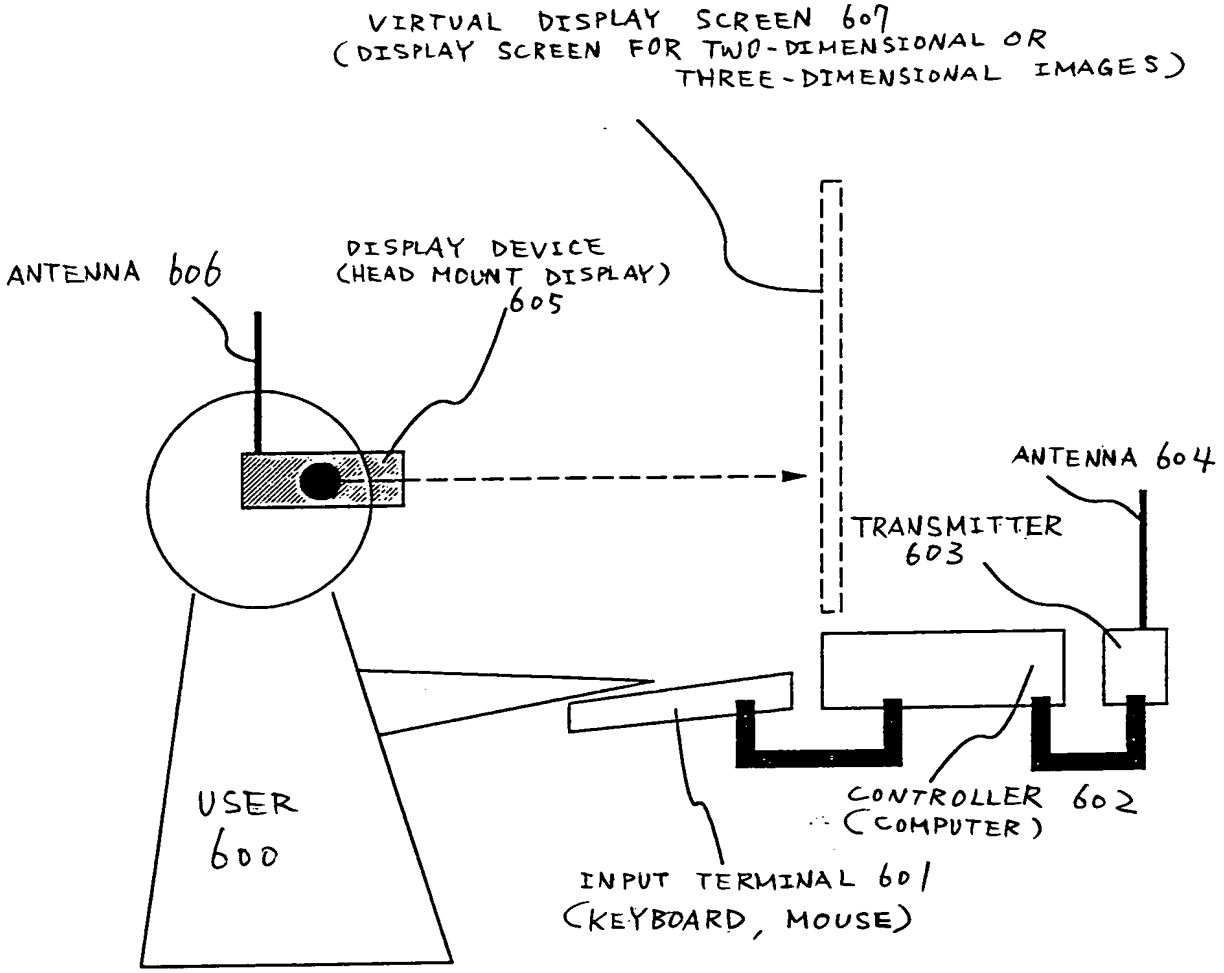

VIRTUAL DISPLAY SCREEN 607
(DISPLAY SCREEN FOR TWO-DIMENSIONAL OR
THREE-DIMENSIONAL IMAGES)
ANTENNA 606
DISPLAY DEVICE
(HEAD MOUNT DISPLAY)
605
ANTENNA 604
TRANSMITTER
603
USER
600
CONTROLLER 602
(COMPUTER)
INPUT TERMINAL 601
(KEYBOARD, MOUSE)

Fig. 6

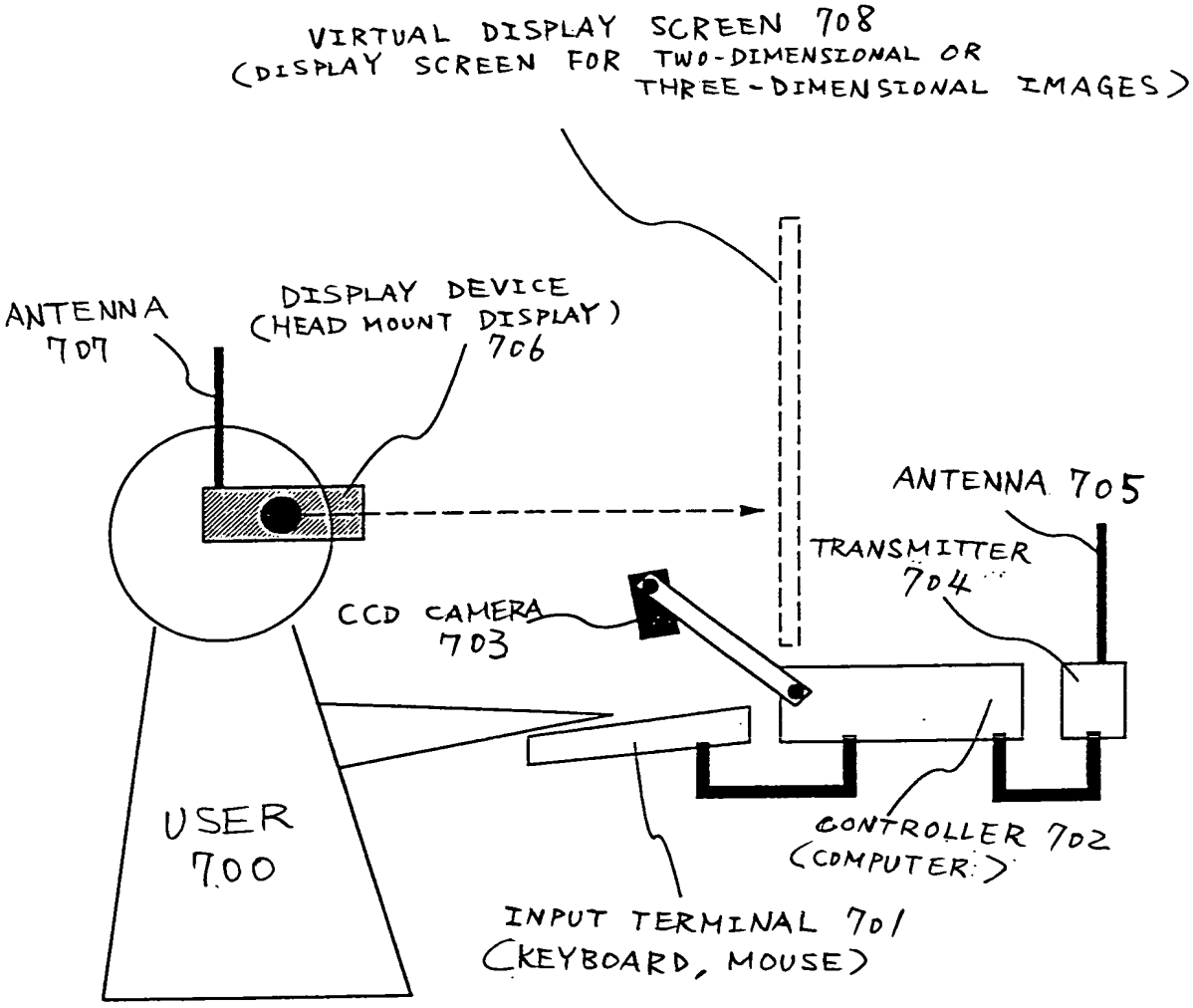

VIRTUAL DISPLAY SCREEN 708
(DISPLAY SCREEN FOR TWO-DIMENSIONAL OR THREE-DIMENSIONAL IMAGES)
ANTENNA 707
DISPLAY DEVICE (HEAD MOUNT DISPLAY) 706
ANTENNA 705
TRANSMITTER 704
CCD CAMERA 703
USER 700
CONTROLLER 702 (COMPUTER)
INPUT TERMINAL 701 (KEYBOARD, MOUSE)

Fig. 7

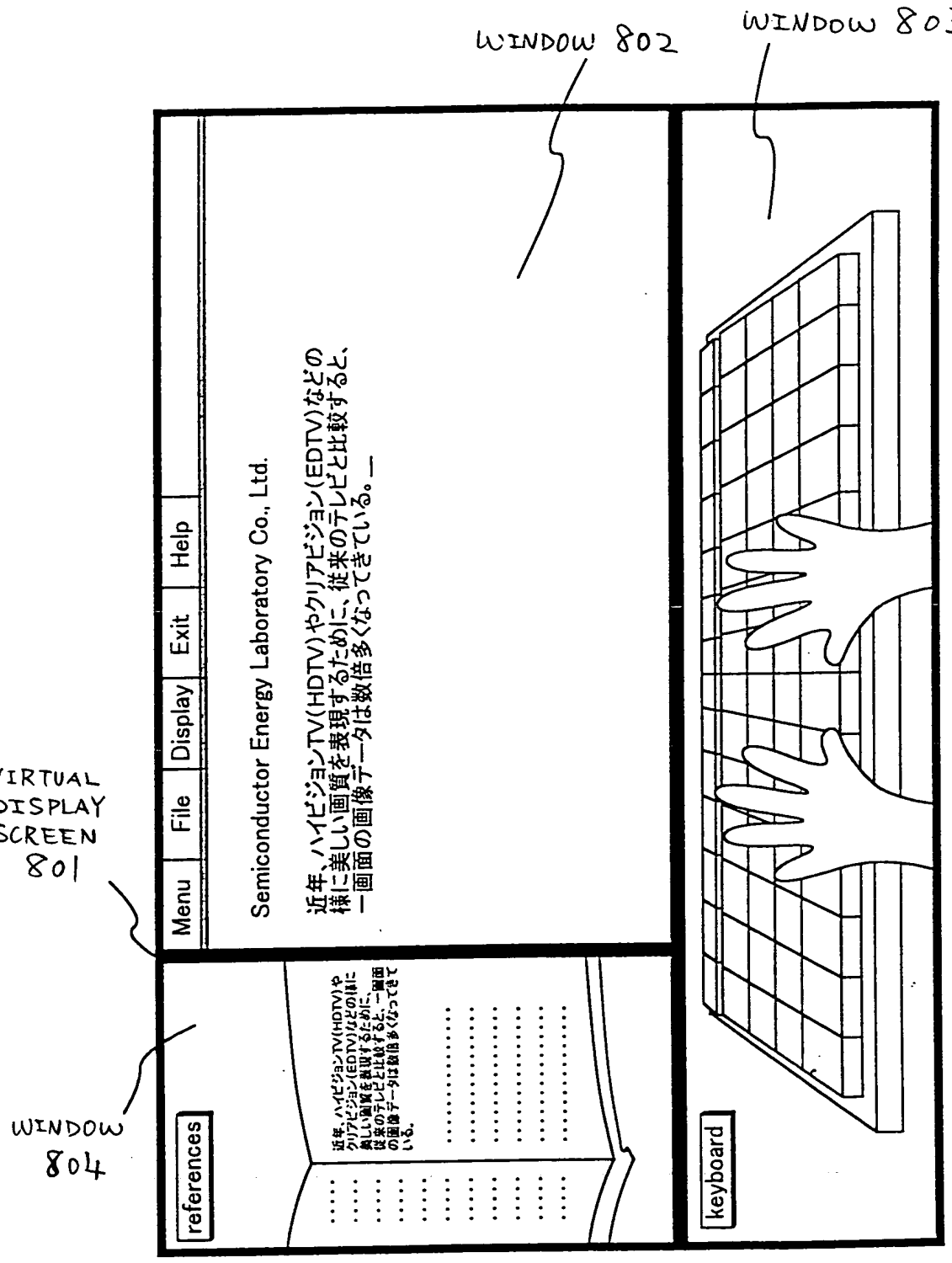

WINDOW 802
WINDOW 803
VIRTUAL DISPLAY SCREEN 801
WINDOW 804
Menu
File
Display
Exit
Help
Semiconductor Energy Laboratory Co., Ltd.
近年、ハイビジョンTV(HDTV)やクリアビジョン(EDTV)などの様に美しい画質を表現するために、従来のテレビと比較すると、一画面の画像データは数倍多くなってきている。
references
keyboard

Fig. 8

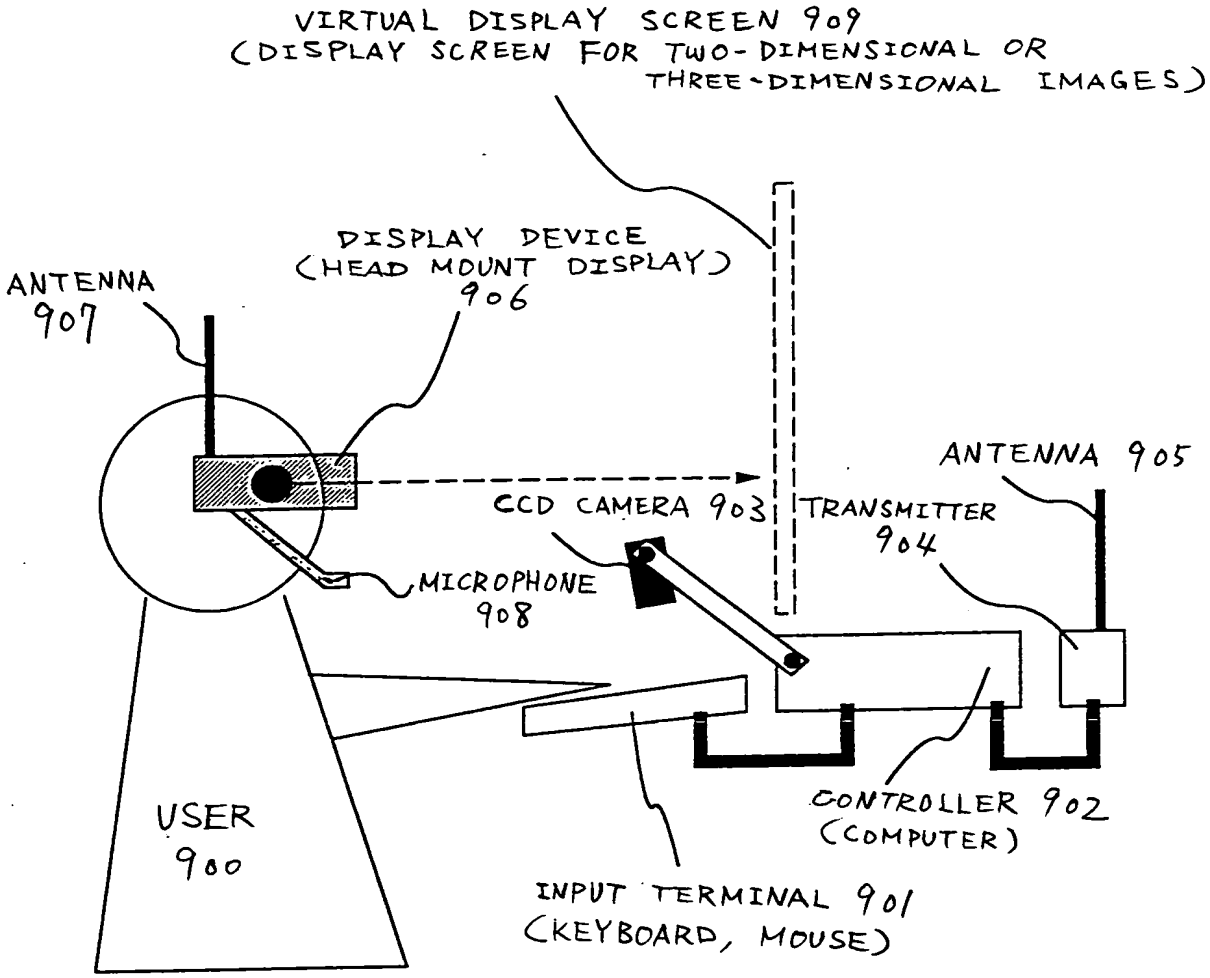

VIRTUAL DISPLAY SCREEN 909
(DISPLAY SCREEN FOR TWO-DIMENSIONAL OR THREE-DIMENSIONAL IMAGES)
DISPLAY DEVICE
(HEAD MOUNT DISPLAY)
906
ANTENNA
907
ANTENNA 905
CCD CAMERA 903
TRANSMITTER
904
MICROPHONE
908
USER
900
CONTROLLER 902
(COMPUTER)
INPUT TERMINAL 901
(KEYBOARD, MOUSE)

Fig. 9

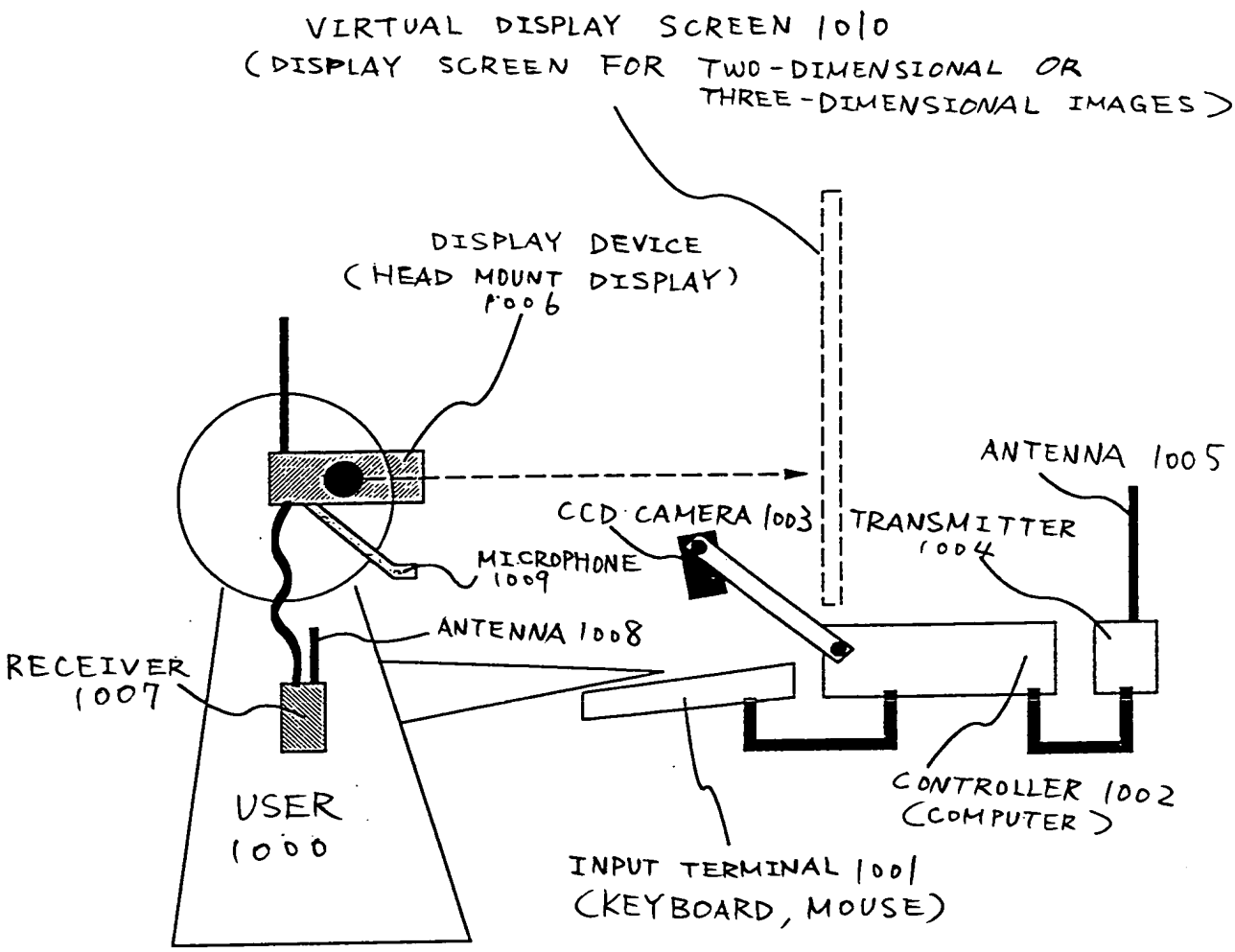

VIRTUAL DISPLAY SCREEN 1010
(DISPLAY SCREEN FOR TWO-DIMENSIONAL OR THREE-DIMENSIONAL IMAGES)
DISPLAY DEVICE
(HEAD MOUNT DISPLAY)
1006
ANTENNA 1005
CCD CAMERA 1003
TRANSMITTER
1004
MICROPHONE
1009
ANTENNA 1008
RECEIVER
1007
USER
1000
CONTROLLER 1002
(COMPUTER)
INPUT TERMINAL 1001
(KEYBOARD, MOUSE)

Fig. 10

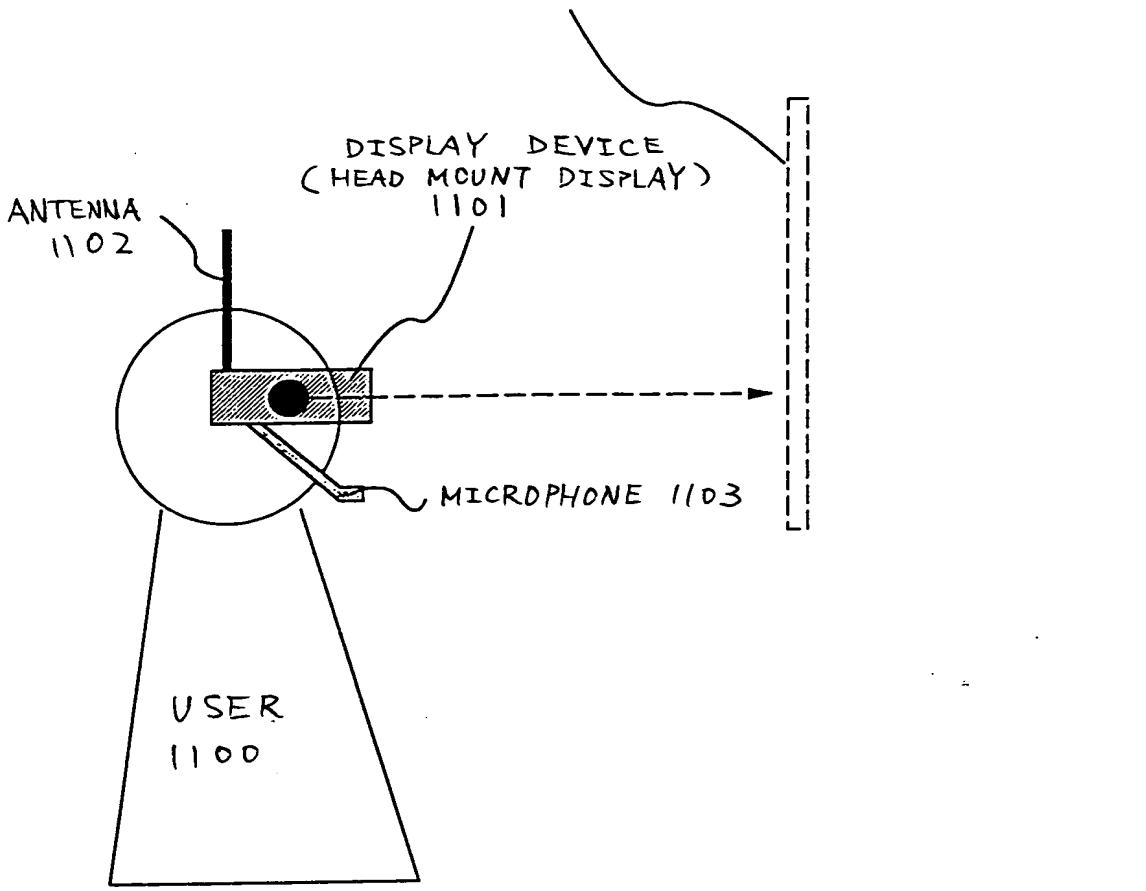

VIRTUAL DISPLAY SCREEN 1104
(DISPLAY SCREEN FOR TWO-DIMENSIONAL OR THREE-DIMENSIONAL IMAGES)
DISPLAY DEVICE
(HEAD MOUNT DISPLAY)
1101
ANTENNA
1102
MICROPHONE 1103
USER
1100

Fig. 11

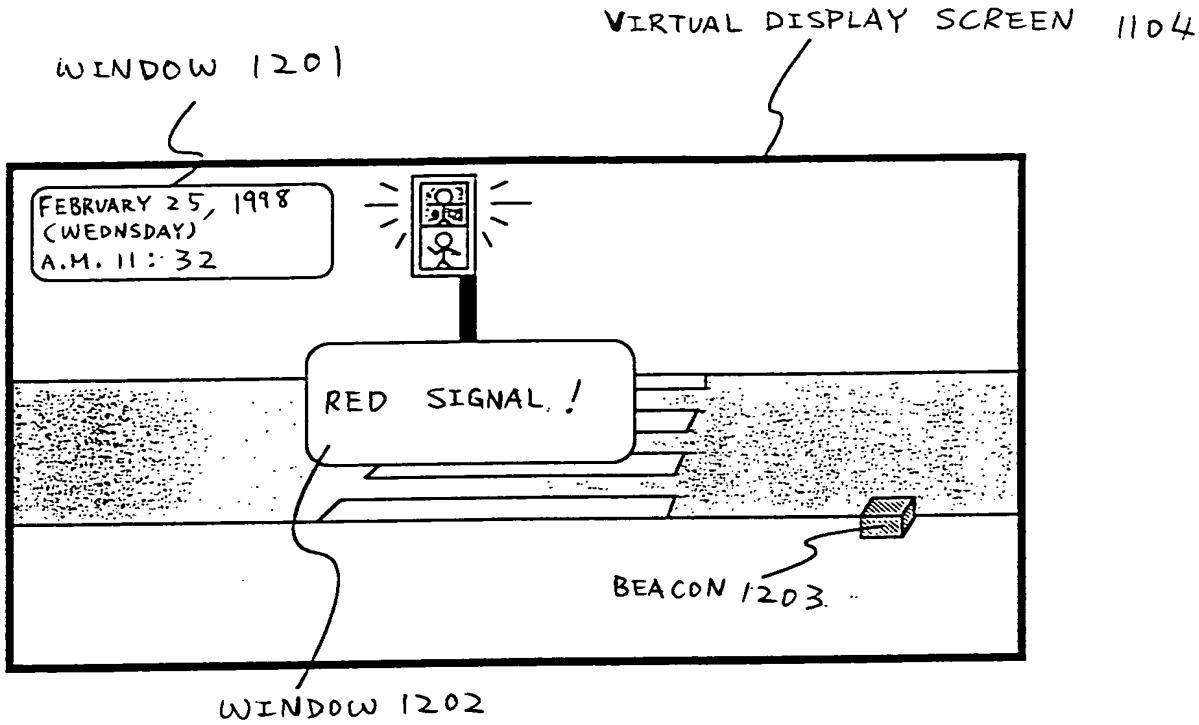

VIRTUAL DISPLAY SCREEN 1104
WINDOW 1201
FEBRUARY 25, 1998
(WEDNSDAY)
A.M. 11:32
RED SIGNAL !
BEACON 1203
WINDOW 1202

Fig. 12

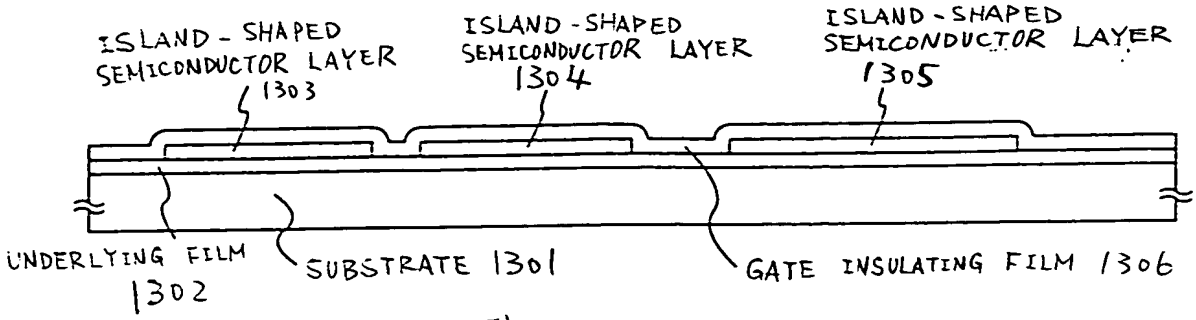


Fig. 13A

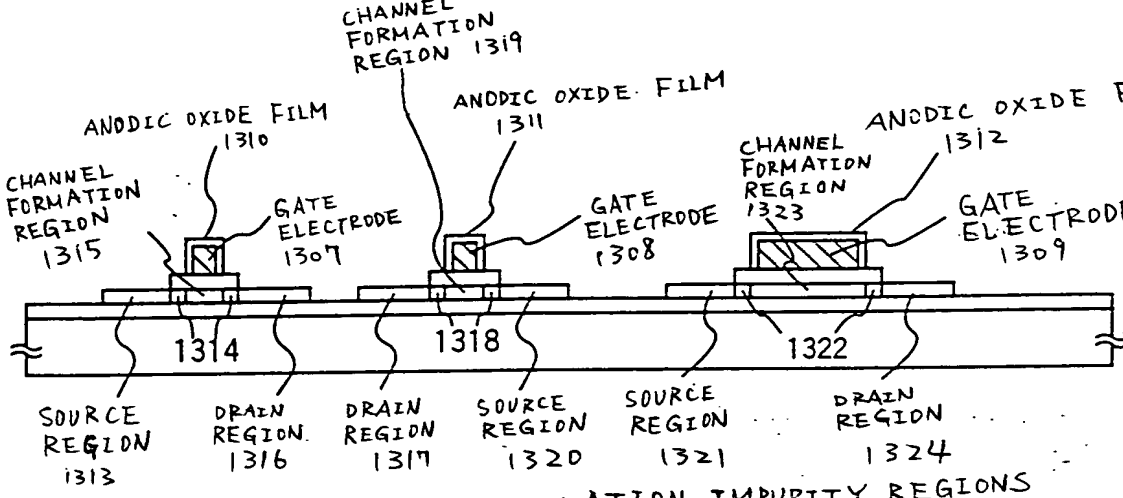


Fig. 13B

1314, 1318, 1322 : LOW CONCENTRATION IMPURITY REGIONS

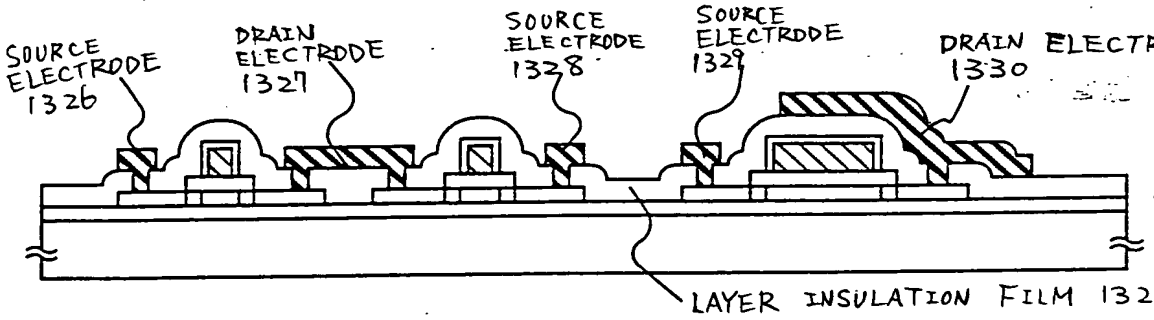


Fig. 13C

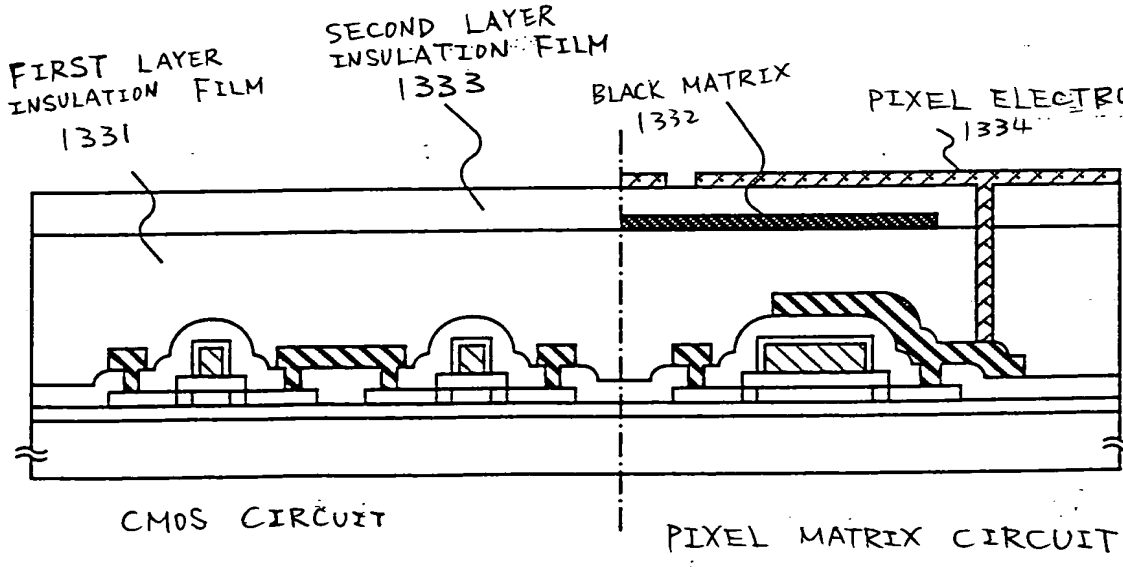
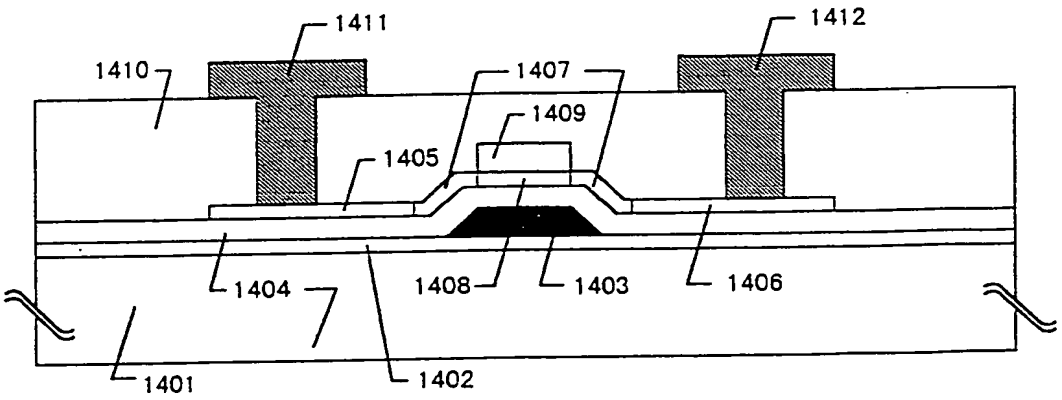


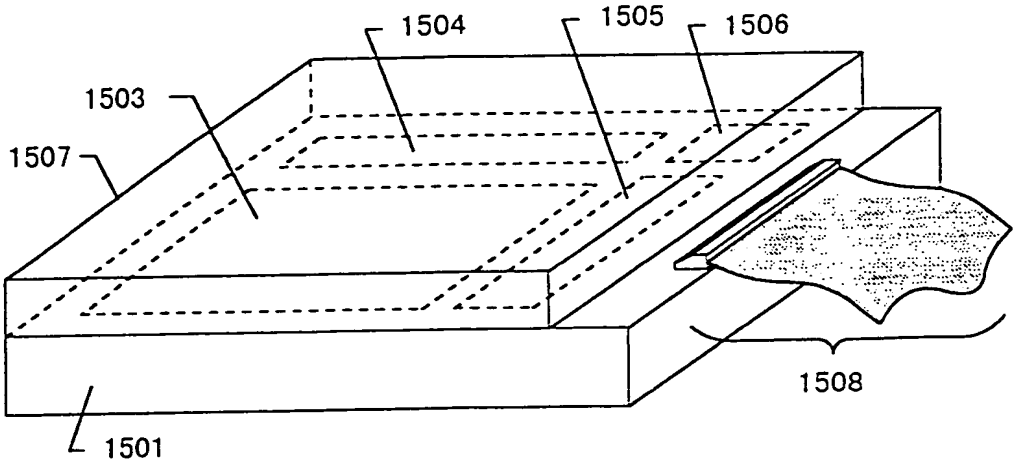
Fig. 13D

Fig. 14



1401	SUBSTRATE	1407	LOW CONCENTRATION IMPURITY REGION (LDD REGION)
1402	SILICON OXIDE FILM	1408	CHANNEL FORMATION REGION
1403	GATE ELECTRODE	1409	CHANNEL PROTECTION FILM
1404	GATE INSULATION FILM	1410	LAYER. INSULATION FILM
1405	SOURCE REGION	1411	SOURCE ELECTRODE
1406	DRAIN REGION	1412	DRAIN ELECTRODE

Fig. 15



1501 INSULATING SUBSTRATE
1503 PIXEL MATRIX CIRCUIT
1504 GATE-SIDE DRIVING CIRCUIT
1505 SOURCE-SIDE DRIVING CIRCUIT
1506 LOGIC CIRCUIT
1507 COUNTER SUBSTRATE
1508 FPC

Fig. 16

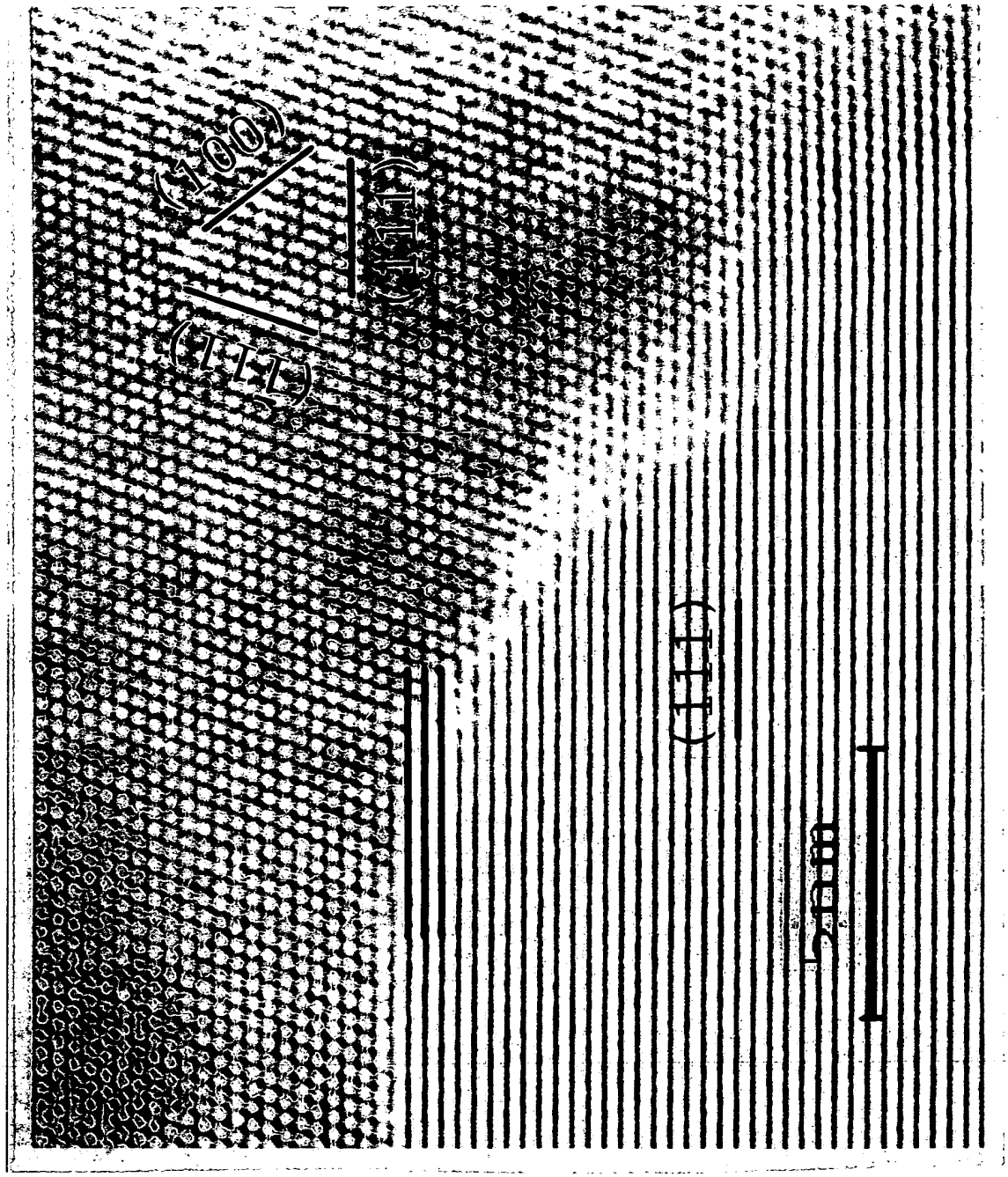
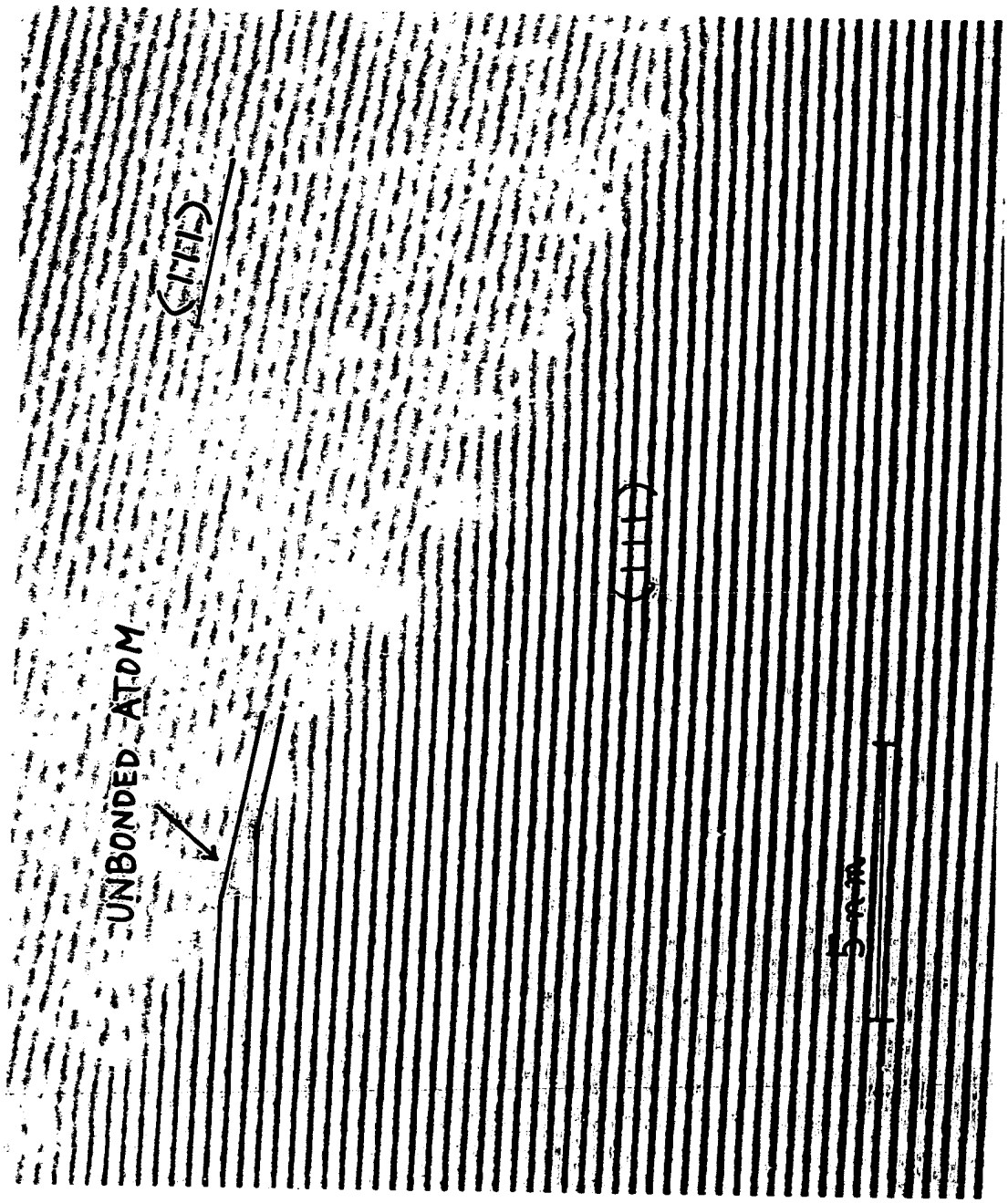


Fig. 17



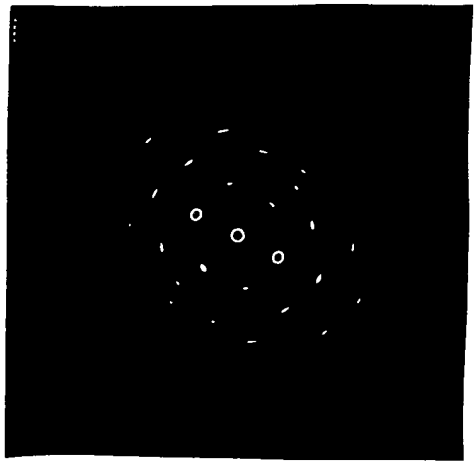


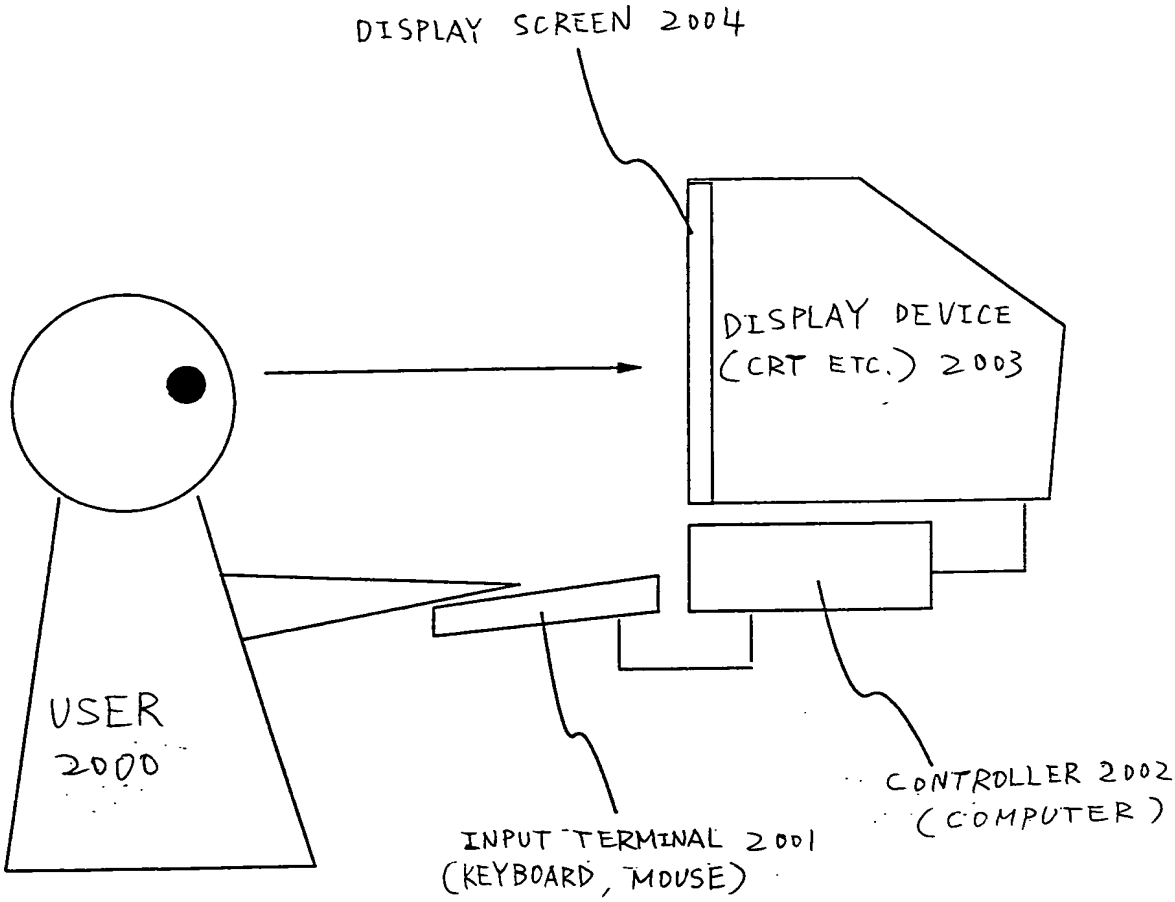
Fig. 18A

Fig. 18B

Fig. 19A

Fig. 19B

Fig. 20



SCHEMATIC VIEW OF PRIOR ART INFORMATION PROCESSING APPARATUS